Table S1. Relationship between current and magnetic field intensity in the electromagnet device.

| Current（A） | Voltage（V） | Magnetic Field Intensity（Mt） |
|---|---|---|
| 0 | 0 | 0 ± 0 |
| 1 | 2.4 | 10 ± 1 |
| 5 | 12 | 52 ± 2 |
| 10 | 24 | 106 ± 2 |
| 15 | 36 | 154 ± 3 |
| 20 | 48 | 201 ± 3 |
| 30 | 72 | 279 ± 3 |